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UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.	11090-058-999	Total Pages	
	First Named Inventor or Application Identifier			
	Mohammad H. S. Amin			
	Express Mail Label No.	EV 313 842 263 US		

APPLICATION ELEMENTS <i>See MPEP chapters 600 concerning utility patent application contents.</i>	Commissioner for Patents P.O. Box 1450 Mail Stop PATENT APPLICATION Alexandria, VA 22313-1450
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<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form <i>(Submit an original, and a duplicate for fee processing)</i></p> <p>2. <input checked="" type="checkbox"/> Applicant claims Small Entity status, see 37 C.F.R. § 1.27</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 38] <i>(preferred arrangement set forth below, MPEP 1503.01)</i></p> <ul style="list-style-type: none">- Descriptive title of the Invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R&D- Reference to Microfiche Appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description of the Invention (including drawings, if filed)- Claim(s)- Abstract of the Disclosure <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 13]</p> <p>5. <input checked="" type="checkbox"/> Oath or Declaration [Total Sheets 2]</p> <ul style="list-style-type: none">a. <input type="checkbox"/> Newly executed (original or copy)b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>	<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i></p> <ul style="list-style-type: none">a. <input type="checkbox"/> Computer Readable Form (CRF)b. <input type="checkbox"/> Specification Sequence Listing on:<ul style="list-style-type: none">i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); orii. <input type="checkbox"/> paperc. <input type="checkbox"/> Statement verifying identity of above copies
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ACCOMPANYING APPLICATION PARTS	
9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i>	<input type="checkbox"/> Power of Attorney
11. <input type="checkbox"/> English Translation Document (if applicable)	
12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input type="checkbox"/> Copies of IDS Citations
13. <input type="checkbox"/> Preliminary Amendment	
14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>	
15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>	
16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(i). Applicant must attach form PTO/SB/35 or it's equivalent	
17. <input type="checkbox"/> Other:	

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) | of prior application No.: filed

Prior application information: Examiner: Group Art Unit: |

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

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PENNIE & EDMONDS LLP
 COUNSELORS AT LAW
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ATTORNEY DOCKET NO. 11090-058-999

Date: November 20, 2003

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 P.O. Box 1450
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Sir:

The following utility patent application is enclosed for filing:

Applicant(s): Amin et al. Executed on: Herewith
 Title of Invention: DEGENERATE LEVEL QUBIT OPERATIONS


PATENT APPLICATION FEE VALUE

TYPE	NO. FILED	LESS	EXTRA	EXTRA RATE	FEE
Total Claims	26	- 20	6	\$18.00 each	\$ 108
Independent	6	- 3	3	\$86.00 each	\$ 258
Minimum Fee					\$ 770
Multiple Dependency Fee					\$ 0
If Applicable (\$290.00)					
Total					\$ 1136
Applicant qualifies for the 50% Reduction for Independent Inventor, Nonprofit Organization or Small Business Concern					\$ 568
Total Filing Fee					\$ 568

- DO NOT PUBLISH.** I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).
- ☐ []
- ☒ [x] Priority of application nos. 60/443,764 filed on January 29, 2003, and 60/429,170 filed on November 25, 2002 is claimed under 35 U.S.C. § 119.
- ☐ [] The certified copy of the priority application has been filed in application no. filed on .

Please charge the required fee to Pennie & Edmonds LLP Deposit Account 16-1150. A copy of this sheet is enclosed.

Respectfully submitted,



Gary S. Williams
 PENNIE & EDMONDS LLP

31,066
 Reg No.

Enclosure

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